Updated: 08/09/2019

DANIELLE GULICK

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FACULTY APPOINTMENTS

UNIVERSITY OF SOUTH FLORIDA MORSANI COLLEGE OF MEDICINE, TAMPA, FL

Associate Professor, Molecular Medicine	2023-Current
Associate Professor, Physical Therapy	2023-Current

Educational Appointments

Course Director, Medical Neuroscience	2012-Current
Program Director, Medical Science Skills Development	2014-Current
Course Director, Medical Education Scholarly Elective	2014-Current
Course Director, Becoming a Physician Educator	2015-Current

Service Appointments

Member, Academic Performance Review Committee	2012-Current
Supervisor, USF Neuroscience Institute Behavioral Collaborative	2013-Current
Member, Medical Education Committee on Curriculum	2013-2019
Chair, Medical Education Course Review Committee	2014-2016
Member, Faculty Council	2014-2016
Member, IACUC	2015-2017
Member, Council of Reviewers, USF Research and Innovation	2015-Current
Mentor, STELLAR community pre-med program	2016-Current
Member, USF-VA Sleep Medicine Conference Series	2018-Current

EDUCATION

DARTMOUTH COLLEGE, HANOVER, NH

Post-Doctoral Research Fellow **2008-2012**

Co-occurring Schizophrenia and Alcohol Use Disorder in Rodent Models

Behavioral research using mice, rats, and golden hamsters

TEMPLE UNIVERSITY, PHILADELPHIA, PA

Ph.D. in Psychology **2008**

Preliminary Exam: “Molecular Substrates Underlying the Effects of Ethanol on Aversive Learning”

Dissertation Thesis: “An Examination of the Neural Substrates that Underlie the Dissociable, Interactive Effects of Acute Ethanol and Nicotine on Learning, Anxiety, and Locomotion in a Plus Maze Discriminative Avoidance Task in C57BL/6 Mice”

UMASS AMHERST, AMHERST, MA

M.Ed. Secondary Education in Science **2004**

WILLIAMS COLLEGE, WILLIAMSTOWN, MA

B.A. Biology **2001**

Areas of Concentration: Neuroscience, Premedical Sciences

AWARDS

Merit Award, Research Society on Alcoholism 2007
USC Keck School of Medicine's Innovations in Medical Education 2023

TEACHING EXPERIENCE

UNIVERSITY OF SOUTH FLORIDA

Lecturer **2012-Current**
Medical Sciences 2
Medical Sciences 7
Basic Medical Neurosciences
Advanced Neuroscience
Introduction to Medical Sciences
Medical Sciences Skills Development
Principles of Molecular Medicine
Becoming a Physician Educator
[Provided lectures, wrote exam questions, and led discussions.]

DARTMOUTH COLLEGE

Instructor - Biological Psychology and Systems Neuroscience **2010-2012**
[Developed syllabus and overall course structure, provided all lectures, designed and supervised laboratory sections, led discussions, and administered all grades.]

FRANKLIN PIERCE UNIVERSITY

Adjunct Instructor - Basics of Pharmacology I and II **2009-2012**
[Provided lectures and led discussions.]

TEMPLE UNIVERSITY

Instructor – Behavioral Neuroscience **2007-2008**
Cognitive Neuroscience
Inferential Statistics
[Developed syllabus and overall course structure, provided all lectures, led discussions, and administered all grades.]
Teaching Assistant – Scientific Thinking **2004-2007**
Social Psychology
Psychology as a Natural Science
[Developed and provided lectures, offered student guidance, and administered all grades.]

SUMMER INSTITUTE FOR THE GIFTED, BRYN MAWR COLLEGE

Instructor – On the Cutting Edge: Gene Therapy **2005**

Biotechnology and Genetics

[Developed syllabus and overall course structure, including weekly lab practicum, provided all lectures, led discussions, and administered all grades.]

BERKSHIRE SCHOOL

Instructor – Biology, Chemistry **2002-2004**

[Developed syllabus and overall course structure, including weekly lab practicum, provided all lectures, led discussions, and administered all grades.]

BERKSHIRE COUNTRY DAY SCHOOL

Instructor – French, Algebra, Science, Computer Science **2001-2002**

[Developed syllabus and overall course structure, provided all lectures, led discussions, and administered all grades.]

RELATED EXPERIENCE

Temple University, Philadelphia, PA

Research Assistant **2007**

Entered data and provided statistical analyses

Tutor.com, New York, NY

Online Tutor **2005-2007**

CURRENT RESEARCH SUPPORT

1 R01 AA028081-01 (Gulick) 07/1/2022-6/30/2027 1.8 calendar

Effects of circadian desynchrony during adolescent alcohol exposure on immediate and long long-term risk of alcohol addiction: role of sleep homeostasis and stress signaling

The major goal of this study is to understand why the circadian disruption resulting from early school start times and night owl habits of adolescents encourages binge drinking and increases later alcohol use disorders.

23AARG-1019127 (Gulick) 05/01/2023-4/30/2026 1.2 calendar

Alcohol use andAPOE genotype in Alzheimer's disease risk

The overarching goal of this study is to examine how early alcohol exposure affects the onset and pathogenic cascade in the ALDH2 knockout and APOE4 knockin mice. Each model demonstrates both amyloid and tau pathology and cognitive deficits with age, with potential differences in the mechanisms by which alcohol drives pathology in each.

1 I01 BX004626-01 04/01/19-03/31/23 1.8 calendar

Veterans Affairs (co-I)

Controlling FKBP51 for the treatment of PTSD

This proposal will focus on 1) increasing the rate of FKBP51 protein turnover through chaperone regulation and decreasing FKBP5 levels by disrupting protein translation through

use of antisense oligonucleotides (ASOs) and 2) improving our understanding of how FKBP51 contributes to stress-induced behavioral deficits.

USFISG (Gulick) $50,000 1/1/2018-12/31/2023
Translational research to elucidate the mechanisms underlying alcohol abuse in circadian desynchrony
The major goal of this study is to understand why adolescents and young adults – who typically have chronically disrupted circadian rhythms – are more likely to abuse alcohol, and to demonstrate proof-of-concept for a translational model between a mouse line and human studies.

00192285-2xBF0F1 (Gulick) 6/1/2021-5/30/2023
Psilera Bioscience
Development of New Substituted N, N-Dimethyltryptamines for Treatment of Mental Health and Alcohol Use Disorder
This proposal will test a spectrum of psilocybin derivatives for their potential as therapeutics for major depressive disorder and alcohol use disorder.

FHT 22-17 (Gulick) 2/1/2022-5/30/2023 (NCE 11/23)
Florida High Tech Corridor
Development of New Substituted N, N-Dimethyltryptamines for Treatment of Mental Health and Alcohol Use Disorder
This proposal will test a spectrum of psilocybin derivatives for their potential as therapeutics for major depressive disorder and alcohol use disorder.

DOJO2223 (Gulick) 8/1/2022-7/31/2023
ECHO 360 Innovations
Virtual Engagement for First Year Medical Students in the Neurological Sciences
This proposal integrates novel polling and interactive software to improve student participating and learning in a first year Neurology course.

PAST RESEARCH SUPPORT

R01AA018151 (Green) 7/1/2010 – 4/30/2012 0.6 calendar
NIAAA $250,000
Deconstructing Clozapine: Toward Medication for Alcoholism in Schizophrenia
The major goals of this study are to elucidate the hypothesis that clozapine's effect in alcohol-preferring rodents, as in patients with schizophrenia and co-occurring alcohol use disorder, relates to its actions on dopamine and norepinephrine systems, and to provide data enabling further research.

1 F32 AA 20143-01 (Gulick) 12/1/2010-4/30/2012 12 calendar
NIAAA $50,324
Effects of Clozapine and Haloperidol on Responding for Alcohol.
The major goals of this study are to examine the role of motivation and preference for alcohol in the golden hamster's free access alcohol drinking, and to determine whether clozapine decreases alcohol intake by reducing either motivation or preference for alcohol.

250-4044 Pilot Grant (Gulick) 11/01/2011-10/31/2012 2 calendar
Hitchcock Foundation $28,750
Investigating the role of the circadian period genes in modulating the effects of the atypical antipsychotic clozapine on alcohol drinking and preference in alcohol-preferring mouse strains.
The major goals of this study are to examine the effects of mutations in PERIOD 1 and PERIOD 2 circadian genes on alcohol preference and sensitivity.

0097415 ORI (Gulick) 03/01/14-02/28/15
University of South Florida $9,000
Development of a murine model of co-occurring schizophrenia and alcohol addiction. The major goal of this study is to develop a multi-hit model of schizophrenia (using two schizophrenia-associated genes and environmental stress) that voluntarily consumes alcohol, for future testing of drugs that may treat alcoholism in schizophrenia.

Private Foundation (Gulick) 07/01/2014-6/30/2015
Byrd Institute Grants Program $25,000
Memory Deficits in a Mouse Model of Circadian Dysfunction. The purpose of this study is to understand how changes in the enzyme GSK3 impacts both memory dysfunction and circadian desynchrony – and whether these two behavioral phenotypes are linked. The outcomes of this study will enable future research targeting circadian desynchrony to rescue learning and memory deficits in disorders such as Alzheimer's disease.

Private Foundation (Gulick) 07/01/2015-6/30/2016
Byrd Institute Grants Program $25,000
Memory Deficits in a Mouse Model of Circadian Dysfunction. The purpose of this study is to understand how changes in the enzyme GSK3 impacts both memory dysfunction and circadian desynchrony – and whether these two behavioral phenotypes are linked. We are building on last year's positive data showing the inhibition of the CK1 enzyme restores circadian rhythms and improves memory.

7AZ13 (Gulick) 3/1/2017-2/28/2019 0.6 calendar
Moore Foundation $100,000
Ck1 delta inhibition to reduce sundowning in Alzheimer's disease
The major goal of this study is to determine whether symptoms of sundowning in mouse models of Alzheimer's disease can be reduced by correcting circadian dysfunction using a pre-clinical drug that resets the molecular circadian clock, and to provide preliminary data enabling further research in this area.

WHC1701 (Huang) 9/1/2017-8/31/2019
Co-I

Guizhi Fuling Wan multiherbal formula to prevent intrauterine growth restriction
The major goal of this study is to use mouse models of IUGR to determine if the common Chinese herbal compound GFW can reduce IUGR by improving fetal programming at the level of the fetal-placental interface.

NIMH F31 (Mahoney) 7/01/17-6/30/21
PI
NRSA Studying a novel mouse model of a genetic double-hit to schizophrenia susceptibility.

PUBLICATIONS AND PAPERS

Press Book Submission

Gulick, D and Gould, TJ **- Acute, chronic, and withdrawal from chronic nicotine interacts with acute ethanol to modulate fear conditioning**

Society for Neuroscience Press Book submission 2007

Selected Poster/Paper Presentations

"Circadian Disruption in Adolescence Increases Adult Alcohol Intake in C57BL/6J Mice"
Gulick, D, Faulkner, J, Yunus, A, Sabates,C, Nagaraj, S and Gamsby, J
Presenter at the Society for Research on Biological Rhythms Annual Conference *2018*

"Alcohol Abuse in Circadian Desynchrony: Impact of Age, Genetics, and Environment"
Gulick, D, Pribish, A, Stevanovic K, and Gamsby, J
Presenter at the Society for Research on Biological Rhythms Annual Conference *2016*

"Delta-9-tetrahydrocannabinol decreases alcohol intake in the Syrian golden hamster."
Gulick, D and Green, Al
Presenter at Society for Neuroscience Annual Conference Nanosymposium *2011*

"Raclopride lessens the ability of clozapine to suppress alcohol drinking in Syrian golden hamsters"
Gulick, D, Chau D, Ahmed J, Wang T, Xie H, Dawson R, and Green A
Presenter at American College of Neuropsychopharmacology Annual Conference *2010*

"*Clozapine decreases alcohol consumption but not sucrose consumption in Syrian Golden hamsters"*
Gulick, D, *Chau, DT, and Green, Al*
Presenter at Society for Neuroscience Annual Conference 2009

"*Interactive Effects of Ethanol and Nicotine on Memory, Anxiety, and Locomotion in C57BL/6 Mice in the Plus-Maze Discriminative Avoidance Task"*

Gulick, D and Gould, TJ
Presenter at Society for Neuroscience Annual Conference 2008

"*Cingulate Cortex and Hippocampus are Differentially Involved in the Effects of Nicotine on Ethanol-Induced Learning Deficits in C57BL/6 Mice*"
Gulick, D and Gould, TJ
Presenter at Research Society on Alcoholism Annual Conference 2008

"Acute, chronic, and withdrawal from chronic nicotine interacts with acute ethanol to modulate fear conditioning"
Gulick, D and Gould, TJ
Presenter at Society for Neuroscience Annual Conference 2007

"Interactive effects of ethanol and nicotine on contextual fear conditioning in C57BL/6 mice"
Gulick, D and Gould, TJ
Presenter at Eastern Psychological Association Annual Conference 2007

"Dose response effects of ethanol on background and foreground contextual fear conditioning"
Gulick, D and Gould, TJ
Presenter at Pavlovian Society Annual Conference 2006

"Nicotine and atomoxetine enhancement and nicotine withdrawal disruption of prepulse inhibition of acoustic startle response in C57BL/6 mice."
Gulick, D, Lewis, MC, Gould, TJ
Presenter at Society for Neuroscience Annual Conference 2005

Manuscripts

1. Gulick, D. and Gould, T.J. (2007). Acute Ethanol has Biphasic Effects on Short- and Long-Term Memory in Both Foreground and Background Contextual Fear Conditioning in C57BL/6 Mice. *Alc Clin Exp Res, 31(9): 1528-37.*

2. Gulick, D. and Gould, T.J. (2008). Complex Interactive Effects of Ethanol and Nicotine on Learning Depend on Both Dose and Duration of Treatment. *Psychopharmacology (Berl), 196(3):483-95.*

3. Andre, J.M., **Gulick, D.**, Portugal, G.S., Gould, T.J. (2008). Nicotine Withdrawal Disrupts Both Foreground and Background Contextual Fear Conditioning but not Pre-Pulse Inhibition of the Acoustic Startle Response in C57BL/6 Mice. *Behav Brain Res, 190(2):174-81.*

4. Gulick, D. and Gould, T.J. (2008). Varenicline Ameliorates Ethanol-Induced Deficits in Learning in C57BL/6 Mice. *Neurobio Learn Mem, 90(1):230-6.*

5. Gulick, D. and Gould, T.J. (2008). The Effects of Acute, Chronic and Withdrawal from Chronic Ethanol on Emotional Learning. *Cog Sciences, 4(1):1-14.*

6. Gulick, D. and Gould, T.J. (2009). The Hippocampus and Cingulate Cortex Differentially Mediate the Effects of Nicotine on Learning Versus on Ethanol-Induced Learning Deficits Through Different Effects at Nicotinic Receptors. *Neuropsychopharm, 34: 2167-79.*

7. Gulick, D. and Gould, T.J. (2009). Interactive effects of ethanol and nicotine on learning, anxiety, and locomotion in C57BL/6 mice in the plus-maze discriminative avoidance task. *Neuropharmacology, 57 (3): 302-10.*

8. Gulick, D. and Gould, T.J. (2009). Interactive effects of ethanol and caffeine on learning, anxiety, and locomotion in C57BL/6 mice in the plus-maze discriminative avoidance task. *Behavioral Neurosci, 123(6): 1271-8.*

9. Elias, G.A., **Gulick, D.,** Wilkinson, D.S., Gould, T.J. (2009). Nicotine and extinction of fear conditioning. *Neuroscience 165(4): 1063-73.*

10. Chau, D.T., **Gulick, D.,** and Green, A.I. (2010). Clozapine chronically suppresses alcohol drinking in Syrian golden hamsters. *Neuropharmacology, 58(2): 351-6.*

11. Gulick, D. and Gould, T.J. (2011). Nicotine acts in the anterior cingulate, but not dorsal or ventral hippocampus, to reverse ethanol-induced learning impairments in the plus-maze discriminative avoidance task. *Addiction Biology, 16(1): 176-88.*

12. Gulick, D. and Green, A.I. (2010) Role of caloric homeostasis and reward in alcohol intake in Syrian golden hamsters. *Physiology and Behavior, 101(4): 518-26.*

13. Akagbosu, C.O., Evans, G.C., **Gulick, D.**, Suckow, R.F., Bucci D.J. (2011). Exposure to kynurenic acid during adolescence produces memory deficits in adulthood. *Schizophr Bull, 38(4):769-778.*

14. Gamsby, J.J., Templeton, E.L., Bonvini, L.A., Wang, W., Loros, J.J., Dunlap, J.C., Green, A.I., and **Gulick, D.** (2013). The Circadian Per1 and Per2 Genes Influence Alcohol Intake, Reinforcement, and Blood Alcohol Levels*. Behav Brain Res,249: 15-21.*

15. Gulick, D., Chau, D.T., Dawson, R, and Green, A.I. (2014) Desipramine Enhances the Ability of Risperidone to Decrease Alcohol Intake in the Syrian Golden Hamster**.** *Psych Res, 218(3): 329-334.*

16. Kumar, M.K., **Gulick, D.,** Palaszewksi, D.M., Pross, S.H., Mhaskar, R., Nazian, S.J. (2016) Difficulty and Discriminative Ability of Core vs. Supplementary Questions – Can We Test for Competency and Excellence Simultaneously? *Medical Science Educator, 26: 547-551.*

17. Gamsby, J.J., and **Gulick, D.** (2015). Chronic shifts in the length and phase of the light cycle increase intermittent alcohol drinking in C57BL/6J mice. *Front Behav Neurosci, 9:9, Feb 3.*

18. Hethorn, W., Blankenship, S., Filinova, I., Rogers, J., Aguirre, D., Grieco, J., Peters, M., **Gulick, D**, Lussier, A, Weeber, E (2015) Reelin supplementation enhances synaptic plasticity and cognitive deficits in a mouse model for Angelman syndrome. *Eur J Neuro*. *41(10):1372-80.*

19. Khokhar J.Y., **Gulick, D.**, Chau, D.T., Dawson, R., Green, A.I. (2015) Desipramine enhances the ability of Paliperidone to decrease alcohol drinking. *J Psych Res*, *69, 9-18*

20. Gamsby, J.J., Pribish, A.M., Stevanovic, K.D., Yunus, A., and **Gulick, D.** (2017). Adolescence modulates the effect of chronic shifts in the light cycle on intermittent alcohol drinking in C57BL/6J mice. *Front Behav Neurosci.Aug 21; 11:152.*

21. Lussier, A.L., Peters, M.M., Li, Q., Trotter, J.H., Collins, N.C., Smith, C., **Gulick, D.**, Rebeck, G.W., LaDu, M.J., Weeber, E.J. (2017). ApoE genotype differentially modulates behavior in young EFAD-Tg mice. Mol Neurodeg. *Submitted.*

22. Stevanovic K., Yunus, A., Joly-Amado, A., Gordon, M., Morgan D., **Gulick, D.,** and Gamsby, J.J. (2017). Disruption of Normal Circadian Clock Function in a Mouse Model of Tauopathy. Neurobio of Aging. *Exp Neurol. 2017 Apr 28;294:58-67.*

23. Gulick, D., and Gamsby, J.J. (2018) Racing the clock: The role of circadian rhythmicity in addiction across the lifespan. *Pharmacol Ther 2018 Mar.Online.*

24. Baker, J., Ozsan, I, Ospina, S.R., **Gulick, D.,** Blair, L. (2018) Hsp90 heterocomplexes regulate steroid hormone receptors: From stress response to psychiatric disease. *Int J Mol Sci, 20(1):79.*

25. Sundaram, S; Nagaraj, S; Mahoney, H; Portugues, A; Li, W; Millsaps, K; Faulkner, J; Yunus, A; Burns, C; Bloom, C; Said, M; Pinto, L; Azam, S; Flores, M, Henriksen, A, Gamsby, J, **Gulick, D** (2019) Inhibition of casein kinase 1ε/δ improves cognitive-affective behavior and reduces amyloid load in the APP-PS1 mouse model of Alzheimer's disease. *Sci Rep, 9(1):13743.*

26. Sephien A, Bethel C, **Gulick D**, Nairn C, Ourn F, Schwartz-Fernandes F (2020) Inter-Relationships of Metacarpals 1-5, Regarding their Length, Metaphyseal Midshaft Width, Articular Surface Area of Head and Base, Age, and Sex: A Cadaveric Study. *HAND*.

27. Sephien A, Bethel C, **Gulick D**, Doyle C, Smith CJ, Schwartz-Fernandes F (2020) Morphometric analysis of the second through fifth metacarpal through posteroanterior X-Rays. *Clin Anat. 33(7):1014*

28. Criado-Marrero M, Smith TM, Gould LA, Kim S, Penny HJ, Sun Z, **Gulick D,** Dickey CA, Blair LJ. FKBP5 and early life stress affect the hippocampus by an age-dependent mechanism. Brain Behav Immun Health. 2020 Sep 17;9:100143.

29. Mayilsamy K, Markoutsa E, Das M, Chopade P, Puro D, Kumar A, **Gulick D,** Willing A**,** Mohapatra, SS, Mohapatra S (2021) Treatment with shCCL20-CCR6 nanodendriplexes and human mesenchymal stem cell therapy improves pathology in mice with repeated traumatic brain injury. *Nanomedicine: NBM.*

30. Mahoney H, Peterson E, Justin H, Gonzalez D, Cardona C, Stevanovic K, Faulkner J, Yunus A, Portugues A, Henriksen A, Burns C, McNeill C, Gamsby J, **Gulick D** (2021) Inhibition of casein kinase 1 δ/ε improves cognitive performance in adult C57BL/6J mice. *Sci Reports. 11. #4746*

31. Sephien A, Kumar, A, Hannah, K, **Gulick D** (2021) Prevalence of, Qualities, and Barriers associated with Mentoring Relationships from Medical Students' Perspective – A Multi-Institutional Cross-Sectional Study. *SMJ. In Press.*

32. Carter B, Justin HS, **Gulick D**, Gamsby JJ. (2021) The Molecular Clock and Neurodegenerative Disease: A Stressful Time. *Front Mol Biosci*. ***8****. ID#644747*

33. Araujo, I., Henricksen, A., Gamsby, J., **Gulick, D.** (2021). Impact of Alcohol Abuse on Susceptibility to Rare Neurodegenerative Diseases. *Front Mol Biosci* **8**(37).

34. Nenninger AW, Willman M, Willman J, Stewart E, Mesidor P, Novoa M, Morrill NK, Alvarez L, Joly-Amado A, Peters MM, **Gulick D**, Nash KR. (2022) Improving Gene Therapy for Angelman Syndrome with Secreted Human UBE3A. *Neurotherapeutics*. 2022 May 9.

35. Gonzalez D, Justin H, Faulkner J, Mahoney H, Yunus A, Gamsby J, **Gulick D**. (2022) Circadian rhythm shifts and alcohol access in adolescence synergistically increase alcohol preference and intake in adulthood in male C57BL/6 mice. *Behavioural Brain Research.* 2023;438:114216.

36. Markoutsa E, Mayilsamy K, **Gulick D**, Mohapatra SS, Mohapatra S. (2022) Extracellular vesicles derived from inflammatory-educated stem cells reverse brain inflammation-implication of miRNAs. *Mol Ther.* 30(2):816-830.

37. Mason A, George Z, **Gulick D.** (2023) Student-Produced Guides alongside First-Year Medical Curriculum: How Peer-Produced Textbooks Change Student Success within Neurology, Cardiopulmonary, and Mixed Systems Courses. South Med J. 116(2):162-169.

38. Sephien A, Kumar A, Zwygart K, Mellek AR, Orr J, Nofsinger C, **Gulick D.** (2022) Association of an Early Interest in Orthopedic Surgery with Match Rate into Orthopedic Surgery. South Med J. 115(11):813-817

INVITED TALKS

Dartmouth Medical School **2011 and 2012**
Psychiatry Residency Program
The Neurobiology of Substance Abuse

University of South Florida
Work in Progress Seminar Series **2013**
What's to blame? Modeling gene-environment interactions in addiction and schizophrenia

Byrd Alzheimer's Institute
Lunch in Translation Seminar Series **2015**
A Time to Learn: Role of the circadian clock in memory

University of South Florida
Clinical Psychology Brown Bag Series **2016**
Drinking Away the Hours: Role of the circadian clock in addiction

Florida Hospital Orlando
Florida Health Alzheimer's Disease Awareness and Research Symposium **2018**
Chronotherapy for Sundown Syndrome in Alzheimer's disease

Hillsborough County Health Department
Florida Department of Health Research Excellence Initiative **2020**
CK1 Delta Inhibition to Reduce Sundowning in Alzheimer's disease

Draw it to Know it Digital Platform
Technology in Medical Education Summit **2021**
Leveraging Multiple Modalities to Bring the Flipped Classroom Online

University of South Florida
Work in Progress Seminar Series **2022**
Time to drink: How early life drinking increases AUD risk

Rensselaer Polytechnic Institute
Visiting Speakers Bioscience Seminar **2023**
Circadian sleep disorders and the risk of alcohol addiction

RESEARCH MENTORSHIP

Research Advisor, Emma LeWinter 2010-2011
Current Position: Pediatrician, Lebanon, NH
Research Advisor, Victoria Stockman 2009-2011
Current Position: Founder and President, Crosby
Thesis Advisor, Natalie Colaneri 2010-2012
Current Position: Resident, UCSD
Research Advisor, Trish Dinh, 2012-2014
Current Position: Psychiatrist, New Port Richey, FL
Research Advisor, Esha Patel, 2012-2016
Current Position: Design Strategist, UPENN Medical
Research Advisor, Jomar Lopez, 2012-2016
Current Position: Research Supervisor, Moffitt Cancer Center
Thesis Advisor, Katherine Woo 2012-2013
Current Position: Resident Psychiatrist, University of South Florida
Master's Advisor, Meagan Acevedo 2013-2015
Current Position, 3rd year UCSF Medical School
Dissertation Advisor, Heather Mahoney 2014-2020
Current Position: Post-Doctoral Fellow, Northwestern University
Master's Advisor, Bethany Martin 2015-2016
Current Position: Clinical Research Assistant, International Research Foundation for RSD
Research Advisor, Abby Pribish, 2015-2018
Current Position: Resident in Internal Medicine, Boston Children's Hospital
Master's Advisor, John Faulkner, 2016-2017
Current Position: Ph.D. Candidate, University of South Florida
Research Advisor, Suraj Nagaraj, 2016-2019
Current Position: Resident in Pulmonary Medicine, Illinois College of Medicine
Research Advisor, Andrew Sephien, 2016-2019
Current Position: Resident in Internal Medicine, Citrus Memorial Hospital
Research Advisor, Saranya Sundaram, 2017-2020
Current Position: Resident in Musculovascular Surgery, MUSC
Research Advisor, Katia Khatskevich, 2018-Present
Current Position: Resident in Pathology, MUSC

Research Advisor, Current Medical Students:
Ashley Mason, 2020-Present
Dante Lepe 2021-Present
Yoon Seon Oh 2021-Present
Madeline Erwich 2021-Present
Richard Rochart 2021-Present
Research Advisor, Current PhD students:
Niat Gebru (Co-mentor) 2020-Present
Abigail Leake 2021-Present

AD-HOC REVIEWER

International Journal of Neuropsychopharmacology, Life Sciences, British Journal of Pharmacology, Drug and Alcohol Dependence, Neuropharmacology, Behavioural Brain Research, Cogent Medicine, Cogent Psychology, Journal of Cellular and Molecular Medicine, PLOS ONE, Chronobiology International, Alcohol Research: Current Reviews

INVITED JUDGE

USF Health Research Day
Morsani College of Medicine Scholarly Concentration Symposium

GRANT REVIEWER

USF Summer Scholarly Experience Grants
USF New Researcher Grants
Alzheimer's Association
NIH NIAAA

FACULTY DEVELOPMENT

Mentor, Haley VA Neurologist-Educator Group
Boosting Mentors, University of Chicago

MEMBERSHIPS

Society for Neuroscience
Research Society on Alcoholism
Society for Research on Biological Rhythms
Council on Undergraduate Research